DNA: 5'-GTG CAG GCT ACT CAG TCT AAT CAG CAT ACG CCG CGG GGT GGA GGT TCG																
AA:	V	Q	Α	T	Q	S	N	Q	H	Τ	P	R	G ] [	G	G	s ]
Mimetic Sequence												Spacer				

Figure 1

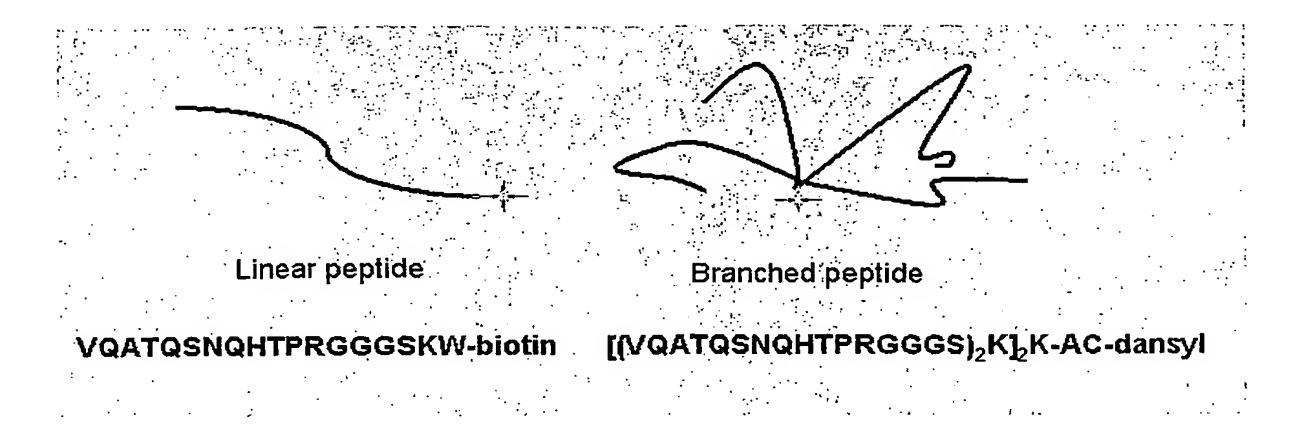


Figure 2

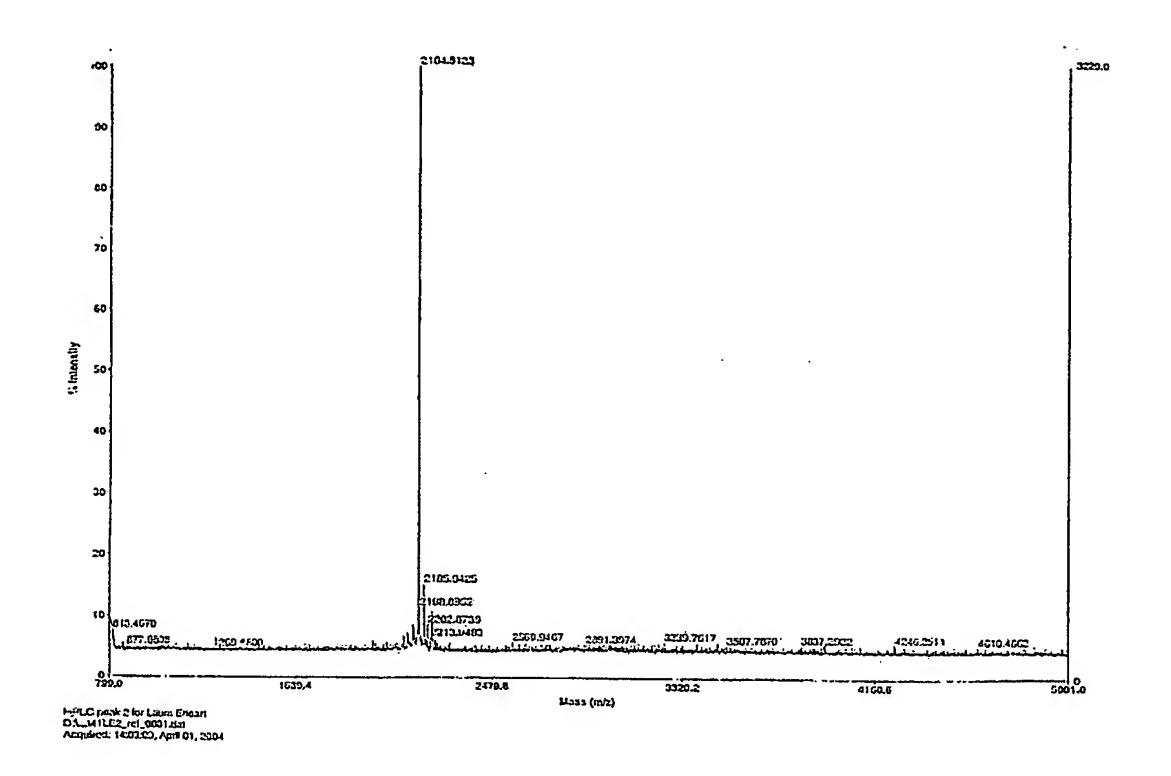


Figure 3

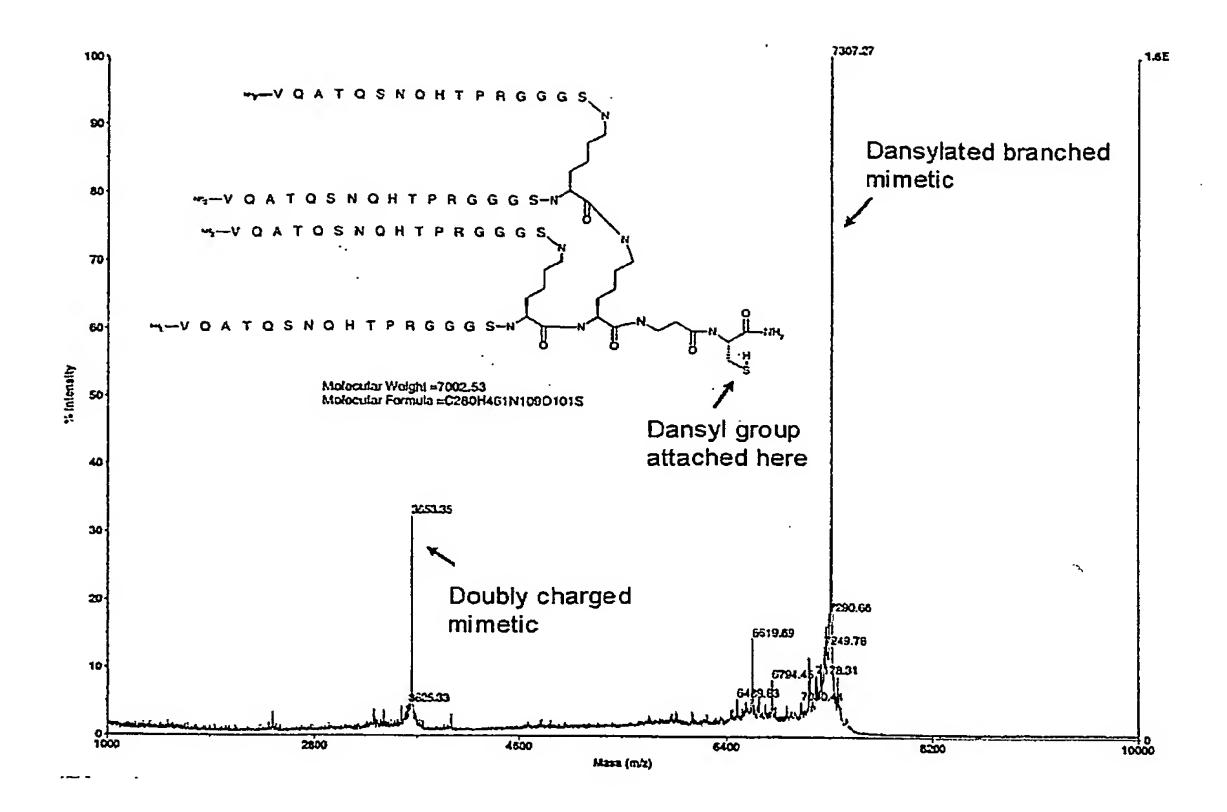


Figure 4.

PCT/US2005/003766 WO 2005/087793

## 5-((((2-iodoacetyl)amino)ethyl)amino)naphthalene-1-sulfonic acid (1,5-IAEDANS)

Molecular

C14H15IN2O4S

Formula:

Molecular Weight: 434.25

CAS

36930-63-9 / 1-Naphthalenesulfonic acid, 5-((2-((lodoacetyl)amino)ethyl)amino)-

Number/Name:

Figure 5

## Amino acid sequence of polypeptide encoded in sequence in capital letters in A.

Met

LCADYSENTFTEYKKKLAERLKAKLPDATP**QATQSNQHTPR**GGGSELAKL VNKHSDFASNCCSINSPPLYCDSEIDAELKNILHHHHHHH

Figure 6

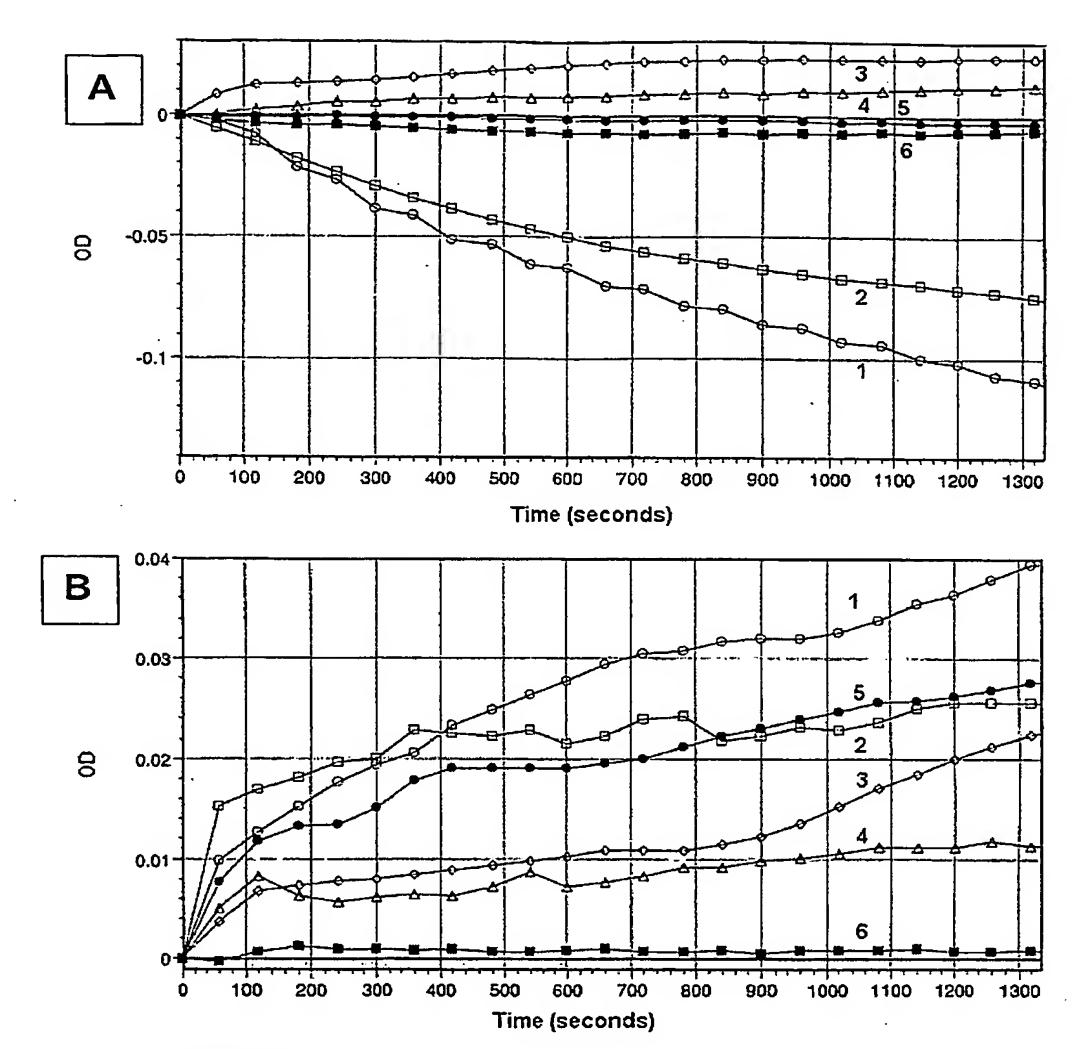


Figure 7

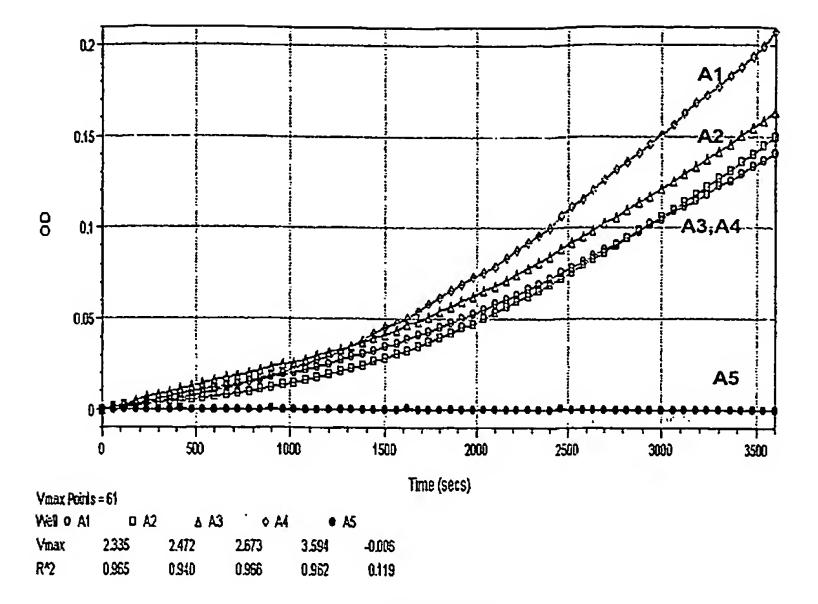


Figure 8

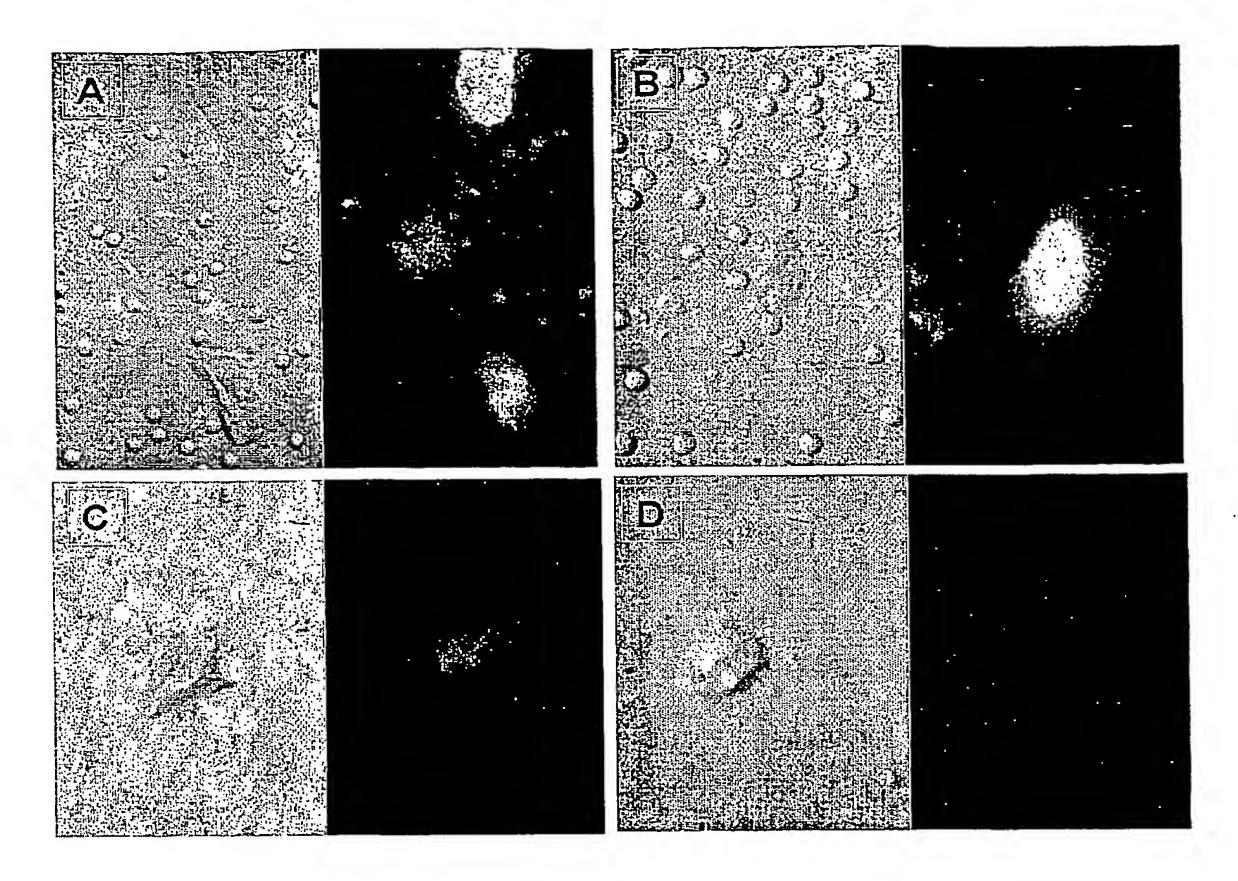


Figure 9